

Fig. 1
(PRIOR ART)

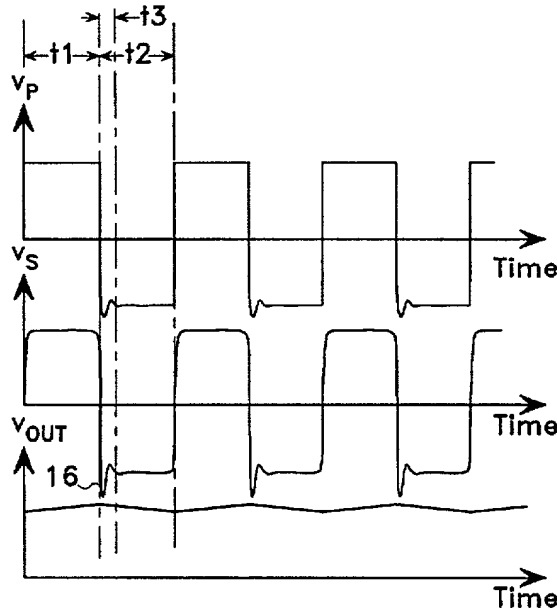


Fig. 2
(PRIOR ART)

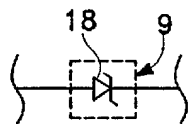


Fig. 3
(PRIOR ART)

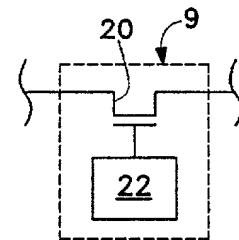


Fig. 4
(PRIOR ART)

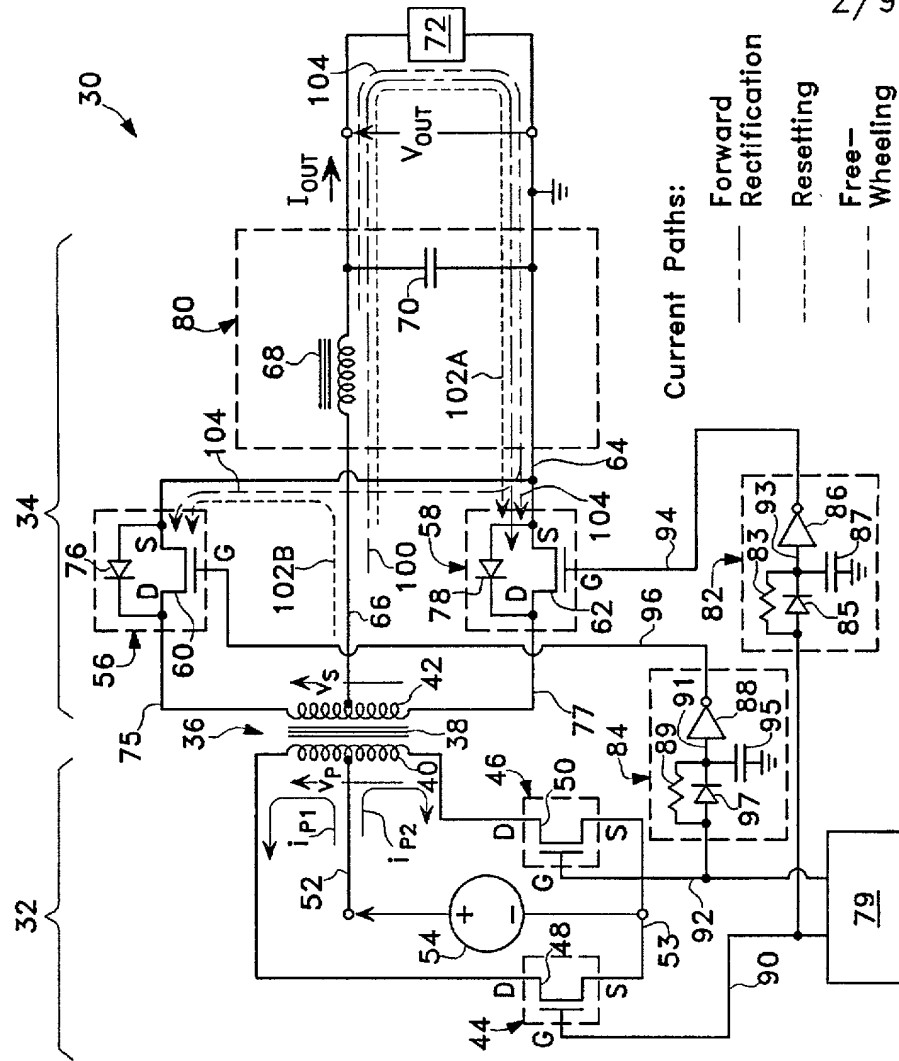


Fig. 5

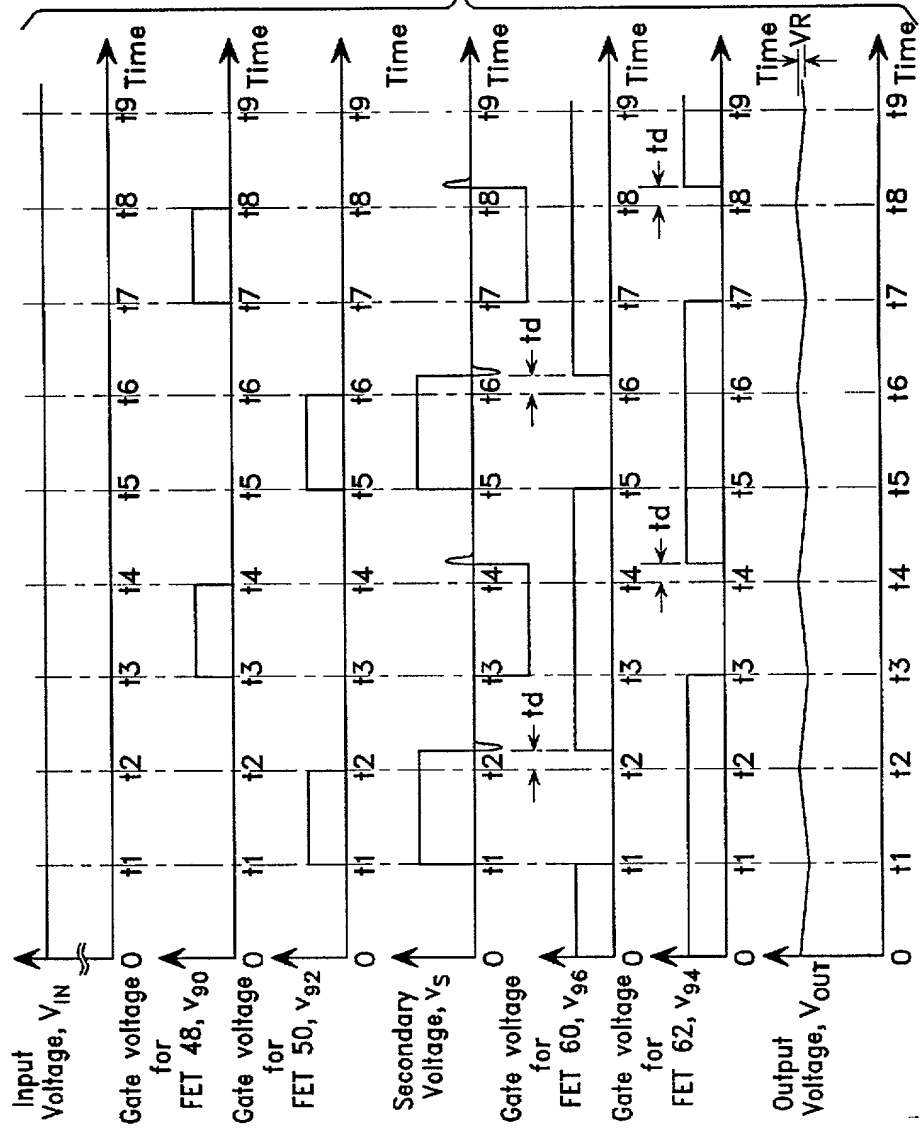
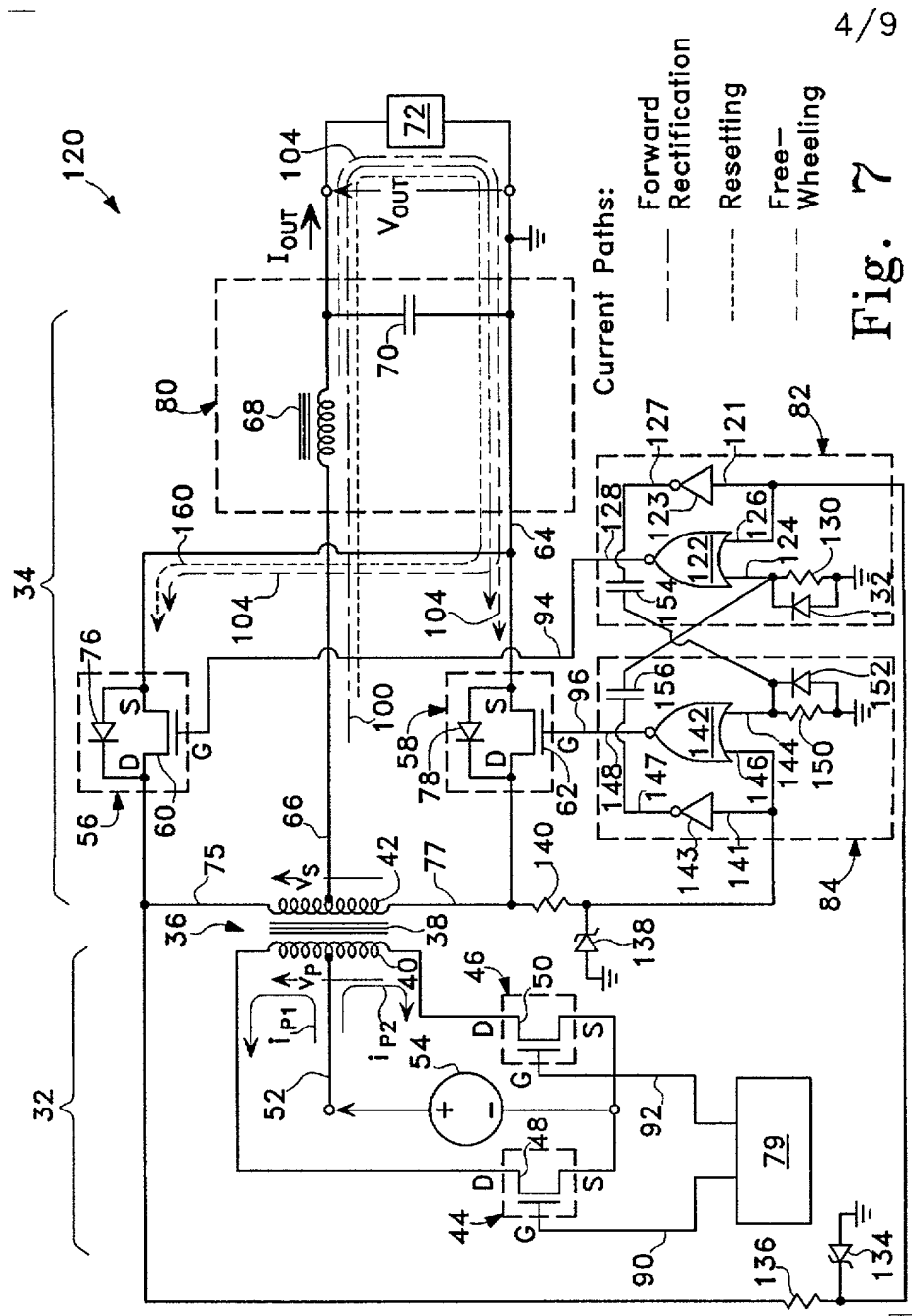


Fig. 6



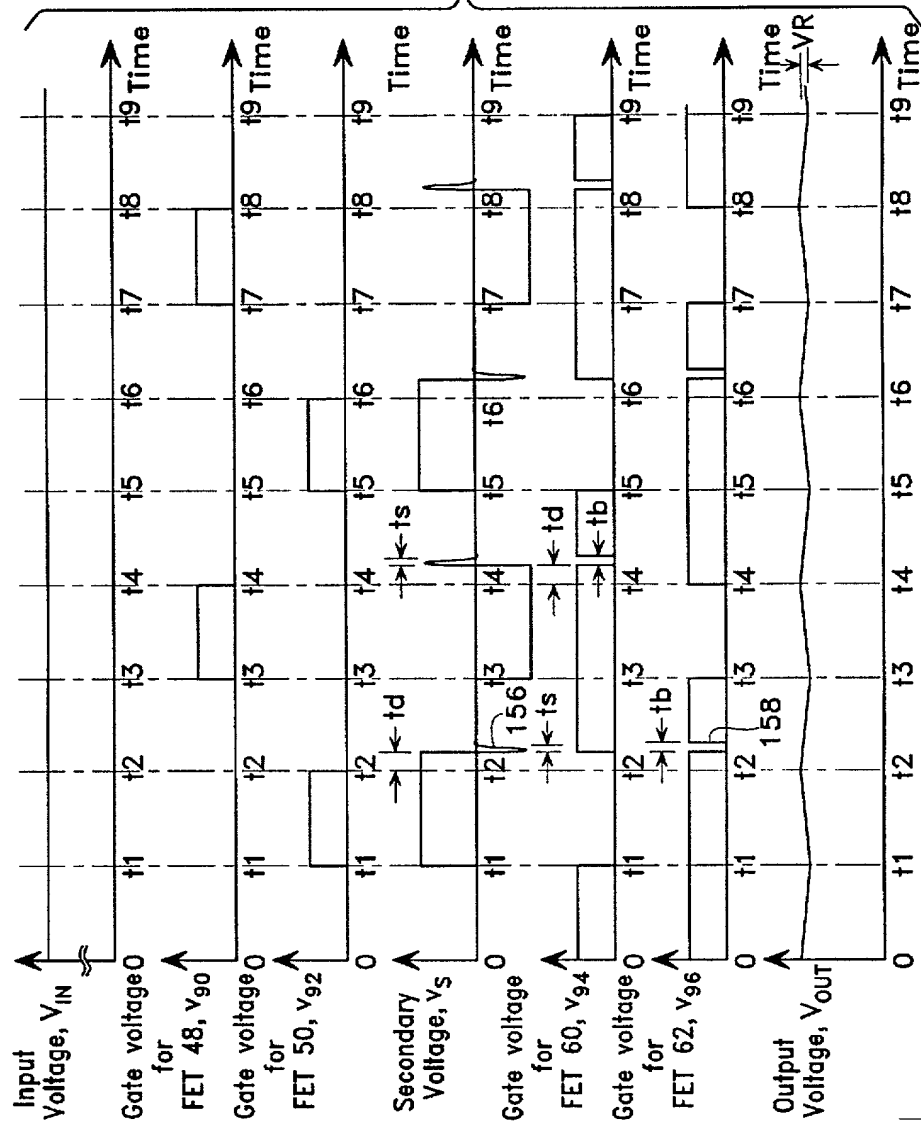


Fig. 8

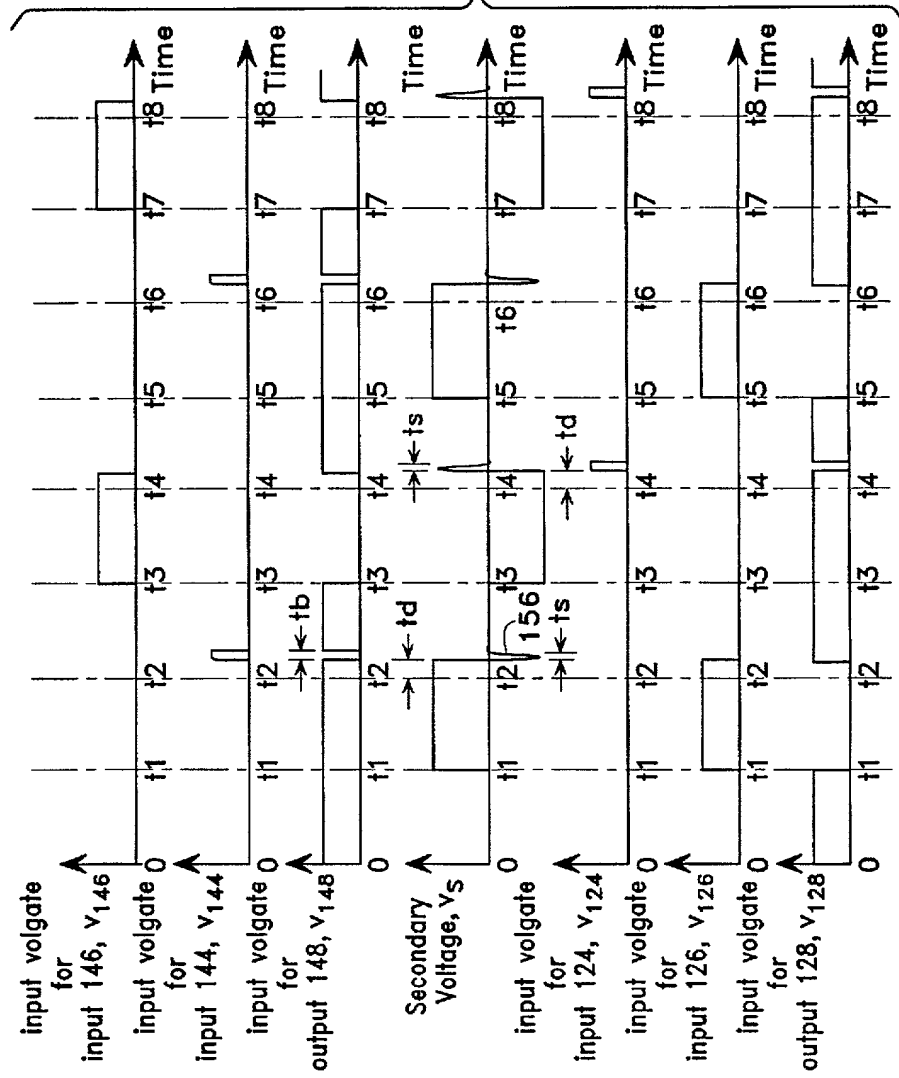


Fig. 9

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	time period, t	V ₉₀	V ₉₂	V ₁₂₄	V ₁₂₆	V ₁₂₈ /V ₉₄	V ₁₄₄	V ₁₄₆	V ₁₄₈ /V ₉₆
Initial	0 to t ₁	L	L	L	L	H	L	L	H
Forward Rectification	t ₁ to (t ₂ +t _d)	L	H	H	H	L	L	L	H
Resetting	(t ₂ +t _d) to (t ₂ +t _d +t _s)	L	L	L	L	H	H	H	L
Free—Wheeling	(t ₂ +t _d +t _s) to t ₃	L	L	H	L	H	H	L	H
Forward Rectification	t ₃ to (t ₄ +t _d)	H	L	L	L	H	H	H	L
Resetting	(t ₄ +t _d) to (t ₄ +t _d +t _s)	H	H	H	H	L	L	L	H
Free—Wheeling	(t ₄ +t _d +t _s) to t ₅	L	L	H	L	H	H	L	H

Fig. 10

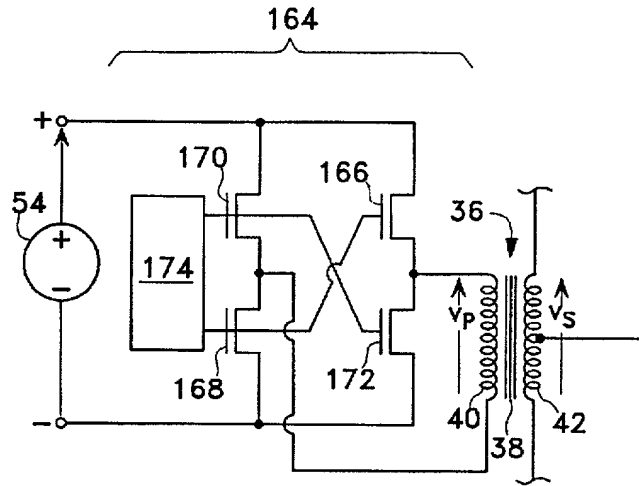


Fig. 11

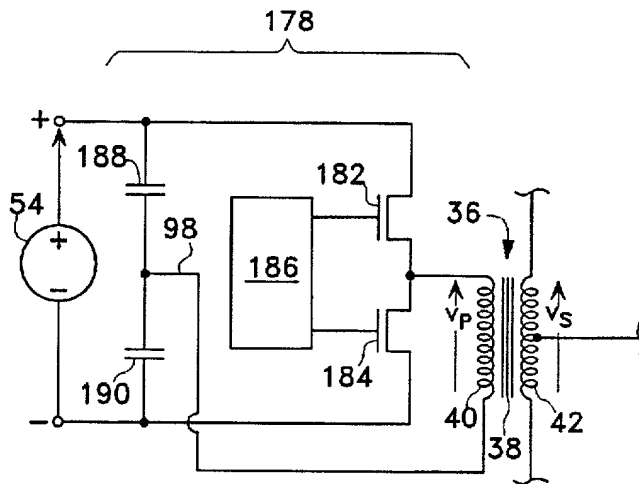


Fig. 12

